

2017-04-04

# It's Personal! One-size Discovery Does Not Fit All

Vacek, Rachel

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It's Personal! One-Size Discovery Does Not Fit All

# Customizing Discovery at Michigan

Rachel Vacek, Head of Design & Discovery  
University of Michigan Library

Electronic Resources & Libraries - April 4, 2017

# Current discovery interfaces

Multiple starting points:

- Mirlyn: catalog
- ArticlesPlus: licensed content
- Search Tools: database finder and journal finder
- MLibrary: catalog, licensed content, database and journal finders, subject experts, website content, research guides

**Search**
[MLibrary](#)
[ArticlesPlus](#)
[Catalog](#)

climate change

Search

**Browse**

Recommended Resources by Subject


**Get Help**

## Results for: climate change

### Catalog (Mirlyn)

[Climate change](#)

**Author:** Saikia, Siddhartha P.  
(Siddhartha Proteem)  
**Published:** 2010  
**Format:** Book

[Climate change](#)

**Author:** Jacques, Guy.  
**Published:** 2005  
**Format:** Book

[Climate change](#)

**Author:** United States. National  
Weather Service.  
**Published:** 2007  
**Format:** Book

[More Catalog Results \(15,955\)](#)

### Databases

[Encyclopedia of Global Warming and Climate Change](#)

The entries in this encyclopedia cover a vast range of topics affecting global warming and climate change. Also included in the work ...

[ClimateWire](#)

Covers the debate over climate policy and its effects on business, the environment and society.

[Neighborhood Change Database](#)

Contains nationwide tract-level data from the 1970, 1980, 1990 and 2000 decennial censuses. Combines U.S. Bureau of the Census data ...

[More Databases \(1\)](#)

### Research Help



#### Talk to a Specialist about Climate Change


**Jacob Kenneth Glenn**

Physics & Astronomy  
Librarian  
(734) 936-2339  
[jkglen@umich.edu](mailto:jkglen@umich.edu)


**Scott A Martin**

Biological Sciences  
Librarian; Interim  
Chemistry Librarian  
(734) 936-2337  
[samarti@umich.edu](mailto:samarti@umich.edu)

### ArticlesPlus

[Perception of climate change](#)

**Author:** James Hansen  
**Author:** Makiko Sato  
**Author:** Reto Ruedy ...  
**Publication:** Proceedings of the  
National Academy of Sciences  
**Date:** 09/11/2012

[CLIMATE CHANGE](#)

**Author:** Laura Zychla

### Online Journals

[ACCP notes : the newsletter of the Atlantic Climate Change Program](#)
[Wiley interdisciplinary reviews. Climate change](#)
[Interactions between land use, land mgmt, and climate change, relations to carbon and nitrogen...](#)

### Research Guides

No results found.

### Browse Resources by Topic

[Climate Sciences](#)
[Biology](#)
[Ecology and Evolutionary Biology](#)


Ask a Librarian

open



# Design, UX, and development team



**Ken  
Varnum**  
Program  
Manager



**Ben  
Howell**  
UX and  
Accessibility  
Specialist



**Heidi  
Burkhardt**  
UX and  
Content  
Strategy  
Specialist



**Albert  
Bertram**  
Lead  
Developer



**Trevor  
Dobias**  
UI/UX  
Designer



**Jon  
Earley**  
Interface  
Developer

# The search project aligns with library goals

Keep this library at the **leading edge**  
of redefining and re-imagining  
the great research library in a digital era.

**Accelerate our engagement**  
with the core campus missions: **discovery**,  
learning, clinical care, and public service.

# Our new discovery interface

It will:

- Be a cutting edge search infrastructure
- Be more straightforward
- Be fully accessible
- Be responsive
- Allow for personalized search pages -- build your own bento box from anything we offer
- Include all the personalization features currently implemented
- Incorporate service experts as well as subject specialists in search results

# Our new discovery interface

(cont)

It will also:

- Allow us to more easily pull stats from each datastore for library and learning analytics
- Enable us to better understand usage patterns of our resources
- Give us a platform that enables us to get our resources out on campus
- Free up instructional librarians to spend more time on information literacy and less on how to use the tool

# Iterative Updates

Search Beta feature status:

- Updated every two weeks
- Will communicate features that are:
  - Ready for testing and comment
  - Active development / Known bugs
  - Recently added features
  - Things we still need to do
  - Things after Staff Beta...



 Search

 [Everything](#)

[Catalog](#)

[Articles+](#)

[Databases](#)

[Online Journals](#)

[Library Website](#)

Everything: results from the Catalog, Articles+, Databases, Online Journals, and Library Website pages.

[Hide](#)



climate change

Search

- Everything
- Catalog
- Articles+
- Databases
- Online Journals
- Library Website

Everything: results from the Catalog, Articles+, Databases, Online Journals, and Library Website pages.

Hide

Catalog17,393 Results

Climate change 1995 : IPCC second assessment : a report of the Intergovernmental Panel on Climate Change.

Format Book

Author Intergovernmental Panel on Climate Change.

Published 1995

HathiTrust: Full Text Online Search only (no full text) Pennsylvania State University

FICCI Climate Change Task Force report.

Format Book

Author FICCI Climate Change Task Force.

Published 2007

Request This Item On shelf Hatcher

Graduate QC 903.2 .I4 F531 2007

Climate change : the IPCC response strategies /

Format Book

Articles+6,699,172 Results

Perception of climate change

Format Journal Article

Published 11/9/2012

Publication Proceedings of the National Academy of Sciences

Title Sciences

Author James HansenMakiko SatoReto Ruedy

Go To Article

Climate change and evolutionary adaptation

Format Journal Article

Published 24/2/2011

Publication Nature

Title

Author Hoffmann, Ary ASgró, Carla M

Go To Article

Climate change hot-spots

Format Journal Article

Published 21/4/2006

Online Journals26 Results

Current climate change reports.

Format Online Journal

Holdings 2015-

Go To Online Journal

Climate Change in the Pacific

Format Online Journal

Holdings 2013-

Go To Online Journal

Climate change responses.

Format Online Journal

Holdings 2014-


Go To Online Journal

2 More

Author Intergovernmental Panel on Climate Change.  
Published 1991

HathiTrust: [Full Text Online](#) Search only  
(no full text) University of Michigan

[1 More](#)

[Request This Item](#)  On shelf Art  
Architecture & Engineering Book  
Collection QC 981.8 .C5 C5161 1991

[1 More](#)


Publication Geophysical Research Letters  
Title  
Author F. Giorgi

[Go To Article](#)

## Databases


[10 Results](#)

### [Encyclopedia of Global Warming and Climate Change](#)

Format  Database  
Brief The entries in this encyclopedia cover a  
Description vast range of topics affecting global warming and climate change. Also included in the work ...  
Access Icon authorized-plus-guests

[Go To Database](#)

### [Encyclopedia of Environmental Change](#)

Format  Database  
Brief Encyclopaedic Dictionary of Environmental  
Description Change  
Access Icon authorized-plus-guests

[Go To Database](#)

[ClimateWire](#)

## Library Website

[16 Results](#)

### [Library Advances Data Rescue Effort](#)

Format  Library Website  
Brief January 30, 2017 By Lynne Raughley More  
Description than 275 volunteers from campus and around the community converged on the Shapiro Library at the University of Michigan Friday and over the weekend in an emergency effort to preserve scientific data that is at risk of disappearing from government websites.

[Go To Webpage](#)

### [Call for Humanity Presents: A Line We Can Cross: A Symposium on Immigration and Refugees](#)

Format  Library Website  
Brief Symposium It&#039;s time to cross  
Description the line. Come join the Call for Humanity as it discusses the current climate of refugee resettlement and immigration in the United States. Come hear professionals, student organizations, and





Search

[Everything](#) [Catalog](#) [Articles+](#) [Databases](#) [Online Journals](#) [Library Website](#)

**Catalog:** results from everything in our physical collection (books, audio, video, maps, musical scores, archival materials, and [Hide](#) more), as well as materials available online such as electronic books, streaming audio and video, and online journals.

## Current Filters

Format: Book

[Clear filters](#)

## Filter your search

## Subject

Climatic changes	5,113
Environmental Sciences	1,381
Global warming	916
Climates	821
Electronic books	816
Ecology	749
Climatic Change	724
Organizational Climate	617
Elementary Secondary Education	578

## Academic Discipline

Science	4,877
Engineering	3,894
Climate Sciences	3,049
Biology	1,993
Ecology and Evolutionary	1,938

1-10 of 16,816 results from Catalog

[Clear search and start over](#)[Climate change 1995 : IPCC second assessment : a report of the Intergovernmental Panel on Climate Change.](#)

Format Book  
Author Intergovernmental Panel on Climate Change.  
Published 1995  
Publisher Intergovernmental Panel on climate Change,

HathiTrust: [Full Text Online](#) Search only (no full text) Pennsylvania State University

[FICCI Climate Change Task Force report.](#)

Format Book  
Author FICCI Climate Change Task Force.  
Published 2007  
Place of Publication India  
Publisher Federation of Indian Chambers of Commerce and Industry,

[Request This Item](#) On shelf Hatcher Graduate QC 903.2 .I4 F531 2007

[Climate change : the IPCC response strategies /](#)

climate change

Search

Everything

Catalog

Articles+

Databases

Online Journals

Library Website

Articles+: results from scholarly journal articles, newspaper articles, book chapters, conference proceedings, and more.

Hide

Current Filters

Holdings Only: true

Clear filters

Filter your search

Subject

climate change	479,820
global warming	200,970
article	170,666
studies	161,721
global temperature changes	160,102
ecology	150,287
climatic changes	142,779
research	140,019
analysis	139,937

Format

Newspaper Article	3,401,110
Journal Article	1,661,390
Book / eBook	494,500
Dissertation	263,016
Magazine Article	230,288
Book Chapter	112,078

1-10 of 6,699,172 results from Articles+

Clear search and start over

Perception of climate change

Format	Journal Article
Published	11/9/2012
Abstract	"Climate dice," describing the chance of unusually warm or cool seasons, have become more and more "loaded" in the past 30&nbsp;y, coincident with rapid global warming. The distribution of seasonal mean temperature anomalies has shifted toward higher temperatures and the range of anomalies has increased. An important change is the emergence of a category of summertime extremely hot outliers, more than three standard deviations (3σ) warmer than the climatology of the 1951–1980 base period. This hot extreme, which covered much less than 1% of Earth's surface during the base period, now typically covers about 10% of the land area. It follows that we can state, with a high degree of confidence, that extreme anomalies such as those in Texas and Oklahoma in 2011 and Moscow in 2010 were a consequence of global warming because their likelihood in the absence of global warming was exceedingly small. We discuss practical implications of this substantial, growing, climate change.
Volume	109
Issue	37
Publication Title	Proceedings of the National Academy of Sciences
Author	James HansenMakiko SatoReto Ruedy
Start Page	E2415
End Page	E2423
Genre	Article,Journal Article,Historical Article
ISI Times Cited	337
Scopus Times Cited	57

# Technology behind new Search

## Tools

- Ruby
  - Rails
  - Blacklight \*
- Front-end JavaScript
  - React
  - Pride \*\*

\* <https://github.com/cul/clio-spectrum>

\*\* <https://github.com/mlibrary/pride>

## APIs

- Summon
- Solr
- Custom APIs for Aleph holdings

# Other potential datastores

- Deep Blue Data
- Audiovisuals
- Dissertations
- Archives
- Library locations

# Planned contextual features

- Best Bets
- Did you mean... suggestions
  - Databases
  - Online Journals
  - Spelling
- Autocomplete
- Contextual suggestions

# Potential personalization features

If logged in locally:

- Customizable search panel
- View Favorites
- View additional datastores that display relevant materials based on course registrations
- Receive relevant current awareness services

If logged in elsewhere:

- Access widgets in Canvas that displays relevant library resources for each course



Climate Change

Start Over

Search

 Everything Catalog Articles+ Databases Online Journals Library Website

Articles+ results: Scholarly journal articles, newspaper articles, book chapters, conference proceedings, and more.

[Hide](#)

## Filter your search

- ☐ Available Online
- ☐ Articles from Scholarly Journals Only
- ☐ Remove Newspaper Articles
- ☒ Remove Search Only HathiTrust Materials

## Format

Newspaper Article	3,328,231
Journal Article	1,649,629
Book / eBook	490,888
Dissertation	259,049
Magazine Article	228,553

[More Filters](#)

## Publication Date

2010–present	3,148,306
2000–2009	2,084,930
2010–2019	554,761
1880–1889	434,594
1980–1989	96,993

[More Filters](#)

## Subject

[Previous Page](#)1–20 of **15,820 Results**[Next Page](#)

Sort By



Selected Items



## Perception of climate change

☐ Select

Favorite

Format

Journal Article

Author

[James Hansen](#), [Makiko Sato](#), [Reto Ruedy](#)

Published

Proceedings of the National Academy of Sciences Vol. 109, Issue 37

Date

09/11/2012

Pages

E2415 – E2423

Abstract

"Climate dice," describing the chance of unusually warm or cool seasons, have become more and more "loaded" in the past 30 y, coincident with rapid... [More](#)

[Go To Article](#)Full text link not working? [Please let us know.](#)

## CLIMATE CHANGE

☐ Select

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Format

Journal Article

Author

[Laura Zychla](#)

Published

Canadian Journal of Medical Laboratory Science Vol. 78, Issue 3

Date

10/01/2016

Start Page

7

Genre

General Information

[Go To Article](#)Full text link not working? [Please let us know.](#)

# Want more info?

**Contact us:**

[library-search-project@umich.edu](mailto:library-search-project@umich.edu)

**University of Michigan Library GitHub site:**

<https://github.com/mlibrary>

**Library IT Division Blog:**

<https://www.lib.umich.edu/blogs/library-tech-talk>